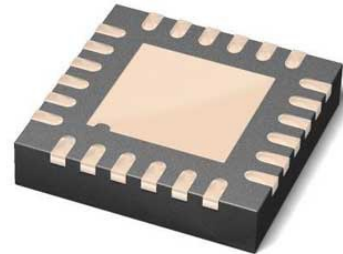


VCO Oscillators WBand VCO w/Buffer amp , 6 - 12 GHz

| | |
|---------------|-------------------------------------|
| Manufacturers | Analog Devices, Inc |
| Package/Case | QFN-24 |
| Product Type | RF Integrated Circuits |
| RoHS | Pb-free Halide free |
| Lifecycle | |



Images are for reference only

Please submit RFQ for HMC732LC4B or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC732LC4B is a wideband GaAs InGaP HBT MMIC Voltage Controlled Oscillator which incorporates the resonator, negative resistance device, and varactor diode. Output power and phase noise performance are excellent over temperature due to the oscillator's monolithic construction. The Vtune port accepts an analog tuning voltage from 0 to +23V. The HMC732LC4B VCO operates from a single +5V supply, consumes only 57 mA of current, and is housed in a RoHS compliant SMT package. This wideband VCO uniquely combines the attributes of ultra small size, low phase noise, low power consumption, and wide tuning range.

Features

Wide Tuning Bandwidth

Pout: +1 dBm

Low SSB Phase Noise: -95 dBc/Hz @100 kHz

No External Resonator Needed

Single Positive Supply: +5V @ 57 mA

24 Lead 4x4mm SMT Package: 16mm²

Application

Industrial/Medical Equipment

Test & Measurement Equipment

Military Radar, EW & ECM

Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc
QFN-12



[HMC441LP3E](#)

Analog Devices, Inc
QFN-16



[HMC253AQS24](#)

Analog Devices, Inc
24-SSOP (0.154, 3.90mm Width)



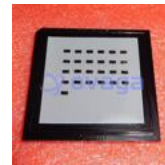
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



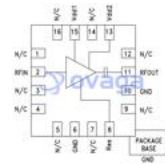
[HMC490](#)

Analog Devices, Inc
SMD



[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16